ADDITIONAL SHEET

CCR#   **Rev:**   **Originator:** Willard Selph
Telephone: 301-925-0368   **Office:** 3109D
Title of Change: Release of Wu-ftp checksum TE (wu_ftpd_ECSt.tar and wu-ftp_tools.tar) to GSFC for installation.

CSG-
On 11/18/03 please make the following tar files available to GSFC for installation:

wu_ftpd_ECS.tar   checksum (344133017   3676160)
wu-ftp_tools.tar   checksum (2489250698   4945408)

The tar files will deliver the following NCR:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed38545	OPS_DPool	5	T	GSFC	Need to checksum Data Pool files at download time

Prerequisites:
There are no prerequisites for installing the tar files.

Installation Instructions:
These instructions assume a familiarity with the ECS delivered version of the wu-ftp daemon for datapool operation. The daemon is installed in /usr/local/sbin on the x0dps01 host.   This delivery includes 2 tar files. The first tar file, wu_ftpd_ECS.tar contains the wu-ftpd executable that has been modified to support checksum on download. The second tar file, wu-ftp_tools.tar contains configuration files and libraries that are used by the daemon at run-time.   The following instructions show how to install this package. Note that the examples assume that the daemon is being installed for OPS mode.   For installation in other modes, substitute the mode name (e.g., TS1) for OPS in the directions.

1) Create a new database user in the datapool Sybase server (g0acg01):
   login to the dataserver as 'SA'

   sp_addlogin ecdlftpsrvr,"welcome",tempdb
   go

   use db_name_mode
   go

   sp_adduser ecdlftpsrvr
   go

   grant select on DlFile to ecdlftpsrvr
   go

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Verify that the user has been granted select on the table DlFile.

Exit.

login to the dataserver as the ecdlftpsrvr.

use db_name_mode
go

select * from DlFile
go

2) Install the wu-ftp_tools.tar files on the Data Pool Host (g0dps01):
    a. cd /datapool/OPS/user
    b. tar –xvf wu-ftp_tools.tar
    c. chown –R   root:bin   tools

3) Copy in the Sybase interfaces file.
    a. cp /tools/sybOCv12.0.0/interfaces tools/sybOCv12.0.0. [Note that you
        may want to generate an interfaces file for this use only. In that case, add
        only the logical name of the Datapool Sybase server to the interface file.]

4) Change the owner and protections of the files under /datapool/OPS/user/tools
    a. chown –R root:bin tools
    b.   chmod -R a-w tools

5) Back up the old ftp daemon:
    a. cd /usr/local/sbin (or to the directory where in.ftpd is kept at your
        DAAC).
    b. mv in.ftpd   in.ftpd.date (or something unique).

6) Install the new ftp daemon:
    a. tar –xvf wu_ftpd_ECS.tar
    b. chown bin:bin in.ftpd
    c. chmod -rw in.ftpd
    d. chmod o-x in.ftpd

7) Edit the ftpd access configuration file. (/etc/ftpd/ftpaccess)
    a. At the end of the ftp access file, add lines for each of the following
        parameters
        i.   noretrieve-- prevent anonymous users from downloading the
             sybase configuration files
        ii. dbpct -- number from 1-100. The percentage of files that you want
             to have checksummed.

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        iii. dbsrv -- The logical name of the Sybase server for the datapool database.

        iv. dbuser – The encrypted database username. To encrypt the username, run "/usr/ecs/OPS/CUSTOM/bin/OMS/EcOmCryptoCliDriver 0". Enter the user name. The encrypted name will be printed

        v. dbpass – The encrypted password of the database user. To encrypt the password, run "/usr/ecs/OPS/CUSTOM/bin/OMS/EcOmCryptoCliDriver 0". Enter the user's password. The encrypted password will be printed.

An example of the ftpaccess additions is:

    noretrieve /datapool/OPS/user/tools/sybOCv12.0.0
    dbpct 100
    dbsrv g0acg05_srvr
    dbuser ba3daa88ffff
    dbpass ffddfabc1124